

Converting Colors

Hex(27BF1A)

Have a look what the booklet for
Hex(27BF1A) contains.

Hex(27BF1A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(27BF1A)

Conversions

Conversions Part 1

Format	Color
Hex	27BF1A
RGB	39, 191, 26
RGB Percent	15%, 75%, 10%
CMY	0.8471, 0.2510, 0.8980
CMYK	0.80, 0.00, 0.86, 0.25
HSL	115°, 76%, 43%
HSV	115°, 86%, 75%
XYZ	19.6540, 37.7675, 7.2313
YIQ	126.7420, -37.6270, -83.5390

Conversions

Conversions Part 2

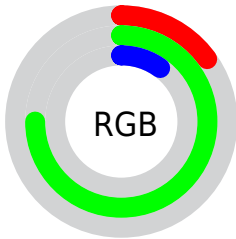
Format	Color
RYB	26, 191, 178
Decimal	2604826
CIELab	67.85, -65.75, 63.57
CIELCh	68, 91.457, 135.963
Yxy	37.7675, 0.3040, 0.5842
Android (android.graphics.Color)	4280794906 (0xFF27BF1A)
YUV	126.7420, -49.6658, -76.9497
Hunter-Lab	61.4553, -50.4608, 36.0422

Details

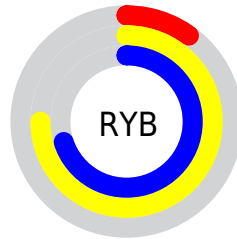
The Hex color **27BF1A** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B21ABF**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **71F958**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **15BF07**, and if you desaturate by 10%, it is **39BF2D**.

Distribution



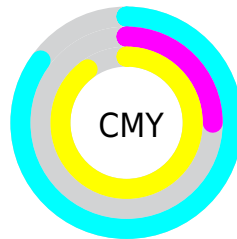
- Red (15%)
- Green (75%)
- Blue (10%)



- Red (10%)
- Yellow (75%)
- Blue (70%)



- Cyan (80%)
- Magenta (0%)
- Yellow (86%)
- Black (25%)



- Cyan (85%)
- Magenta (25%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27BF1A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 27BF1A by changing the saturation by 10% instead.



27BF1A



27BF1A

FFFFFF



00A300



71F958



008800



90FF74



006D00



AFFF90



005300



CDFPAD



003B00



ECFFC9



002200



FFFFE6



000000



27BF1A



27BF1A



15BF07



39BF2D

■ 0FBF00

■ 4ABF40

■ 5CBF53

■ 6DBF66

■ 7FBF79

■ 91BF8D

■ A2BFA0

■ B4BFB3

■ C5BFC6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EAF00



27BF1A



00C77A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27BF1A



00BAFF



FF3F7D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27BF1A



B21ABF

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF47D0



27BF1A



00A0FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27BF1A



00C6FF



DE77FF



FF6B2D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27BF1A



00C9B4



DE77FF



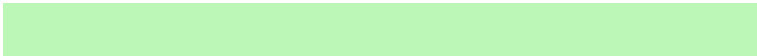
FF3999

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27BF1A



BCF7B7



BFB11A



597D56



FCFCFC



7D7D7D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27BF1A



13F700



1ABF5F



565E55



0C9E00



021F00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B21ABF



E400F7



BF1A7A



5E555E



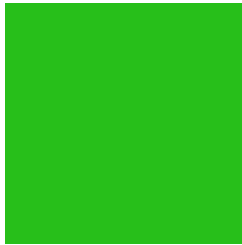
92009E



1C001F

Previews

White Background



This preview shows how the Hex color 27BF1A looks on a white background.

Color Contrast Check

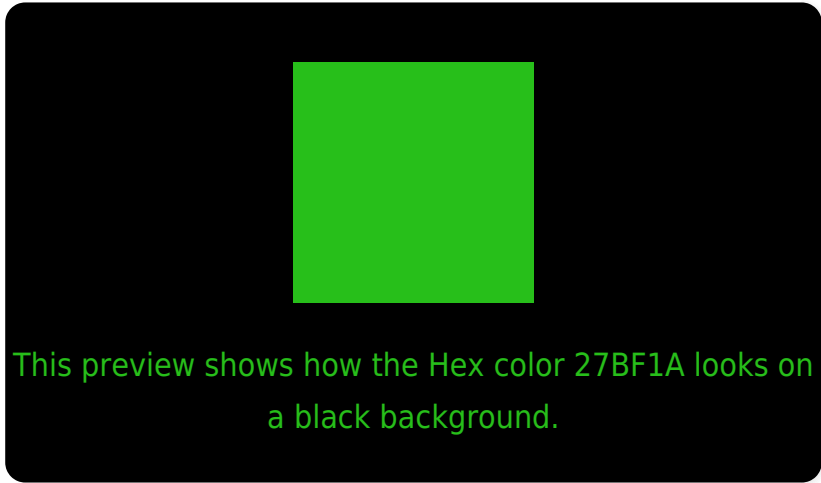
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 27BF1A Background



This preview shows how black text looks on a background with the Hex color 27BF1A.

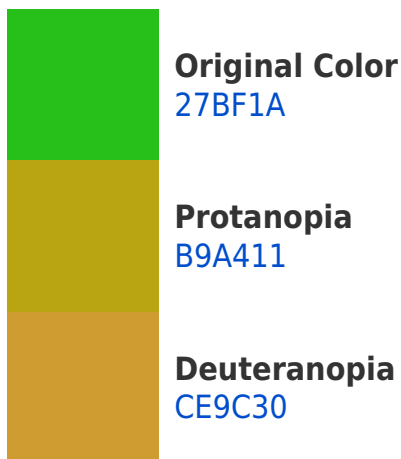


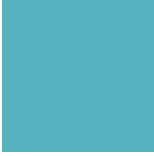
This preview shows how white text looks on a background with the Hex color 27BF1A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

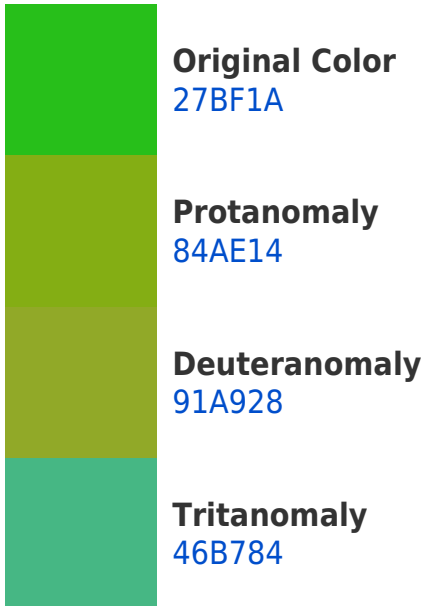
Dichromacy



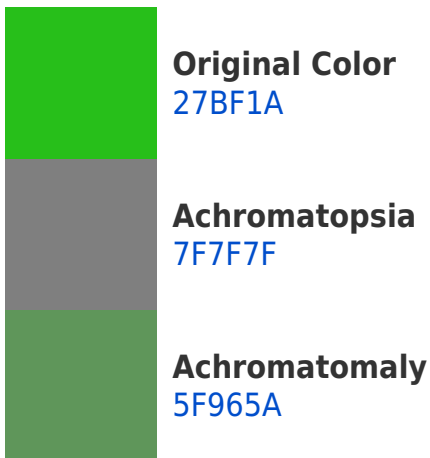


Tritanopia
57B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27BF1A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #27BF1A looks like.

```
.text, #text, p{  
    color:#27BF1A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #27BF1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27BF1A
}
```

Border

The CSS property to change the border of an element to Hex 27BF1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27BF1A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#27BF1A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #27BF1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27BF1A; -webkit-box-shadow:4px 4px  
4px 4px #27BF1A; box-shadow:4px 4px 4px  
4px #27BF1A }
```

Background

The CSS property to change the background color of an element to Hex 27BF1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27BF1A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#27BF1A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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